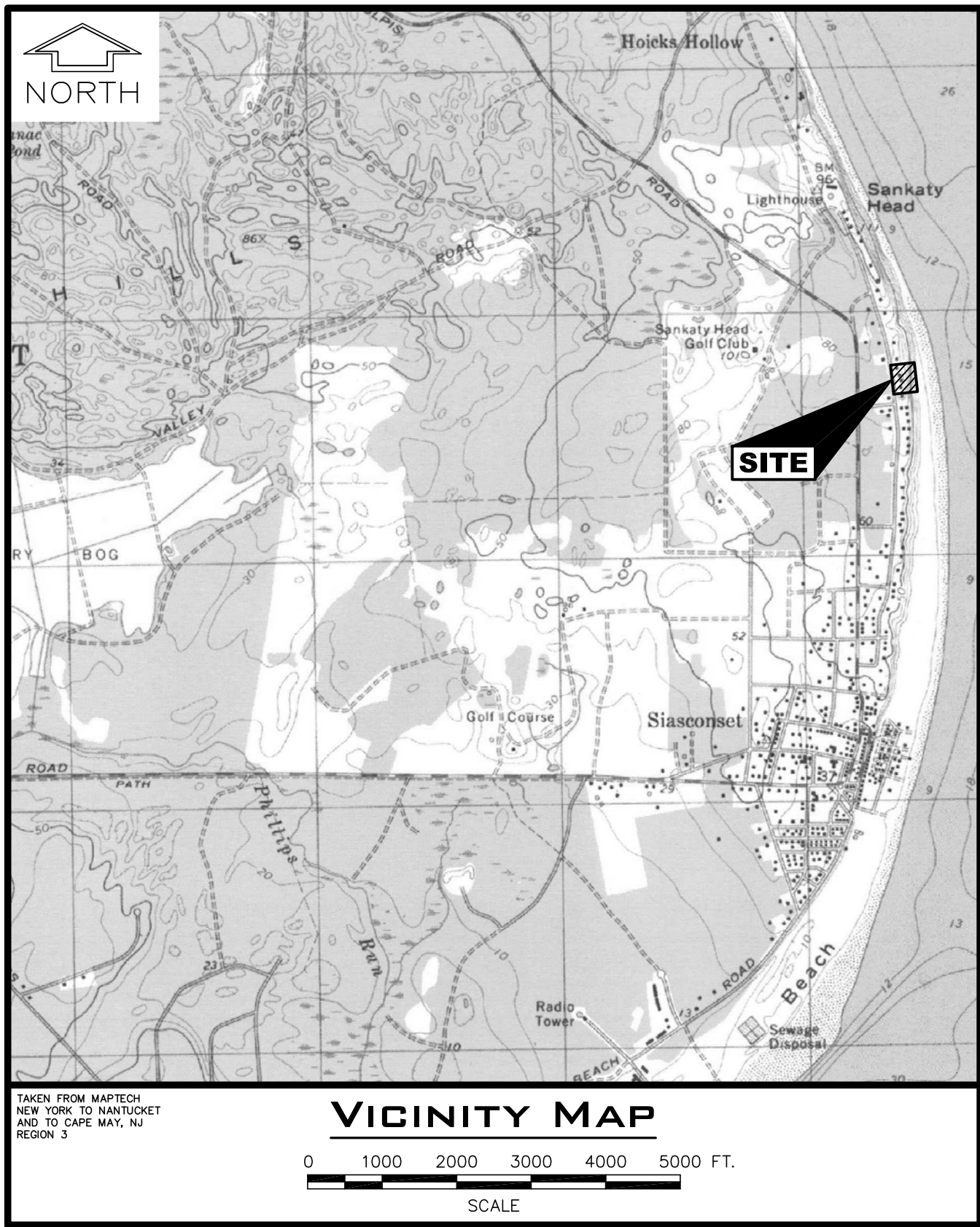


SCONSET BEACH PRESERVATION FUND

SCONSET BLUFF EROSION CONTROL PROJECT NOTICE OF INTENT

DRAWING LIST



DWG. NO.	TITLE	REV. NO.
210019.1-3-01	COVER SHEET AND DRAWING LIST	3
210019.1-3-02	EXISTING SITE PLAN - SHEET 1 OF 4	1
210019.1-3-03	EXISTING SITE PLAN - SHEET 2 OF 4	2
210019.1-3-04	EXISTING SITE PLAN - SHEET 3 OF 4	1
210019.1-3-05	EXISTING SITE PLAN - SHEET 4 OF 4	1
210019.1-3-06	PROPOSED SITE PLAN - SHEET 1 OF 4	3
210019.1-3-07	PROPOSED SITE PLAN - SHEET 2 OF 4	3
210019.1-3-08	PROPOSED SITE PLAN - SHEET 3 OF 4	3
210019.1-3-09	PROPOSED SITE PLAN - SHEET 4 OF 4	3
210019.1-3-10	PROPOSED SECTION A-A AT LOT 115	2
210019.1-3-11	PROPOSED SECTION B-B AT LOT 107	2
210019.1-3-12	PROPOSED SECTION C-C AT LOT 97	3
210019.1-3-13	PROPOSED SECTION D-D AT LOT 87	2
210019.1-3-14	PROPOSED SECTION E-E AT LOT 83	3
210019.1-3-15	PROPOSED SECTION F-F AT LOT 79	2
210019.1-3-16	PROPOSED SECTION G-G AT LOT 65	3

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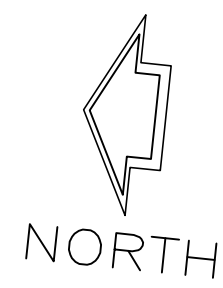
**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

COVER SHEET AND DRAWING LIST

SCALE AS NOTED DATE 6/28/13	REVISION 3
DRAWING NO. 210019.1-3-01	



ATLANTIC OCEAN

LAND UNDER THE OCEAN

APPROX. M.H.W.
EL. +3.04'

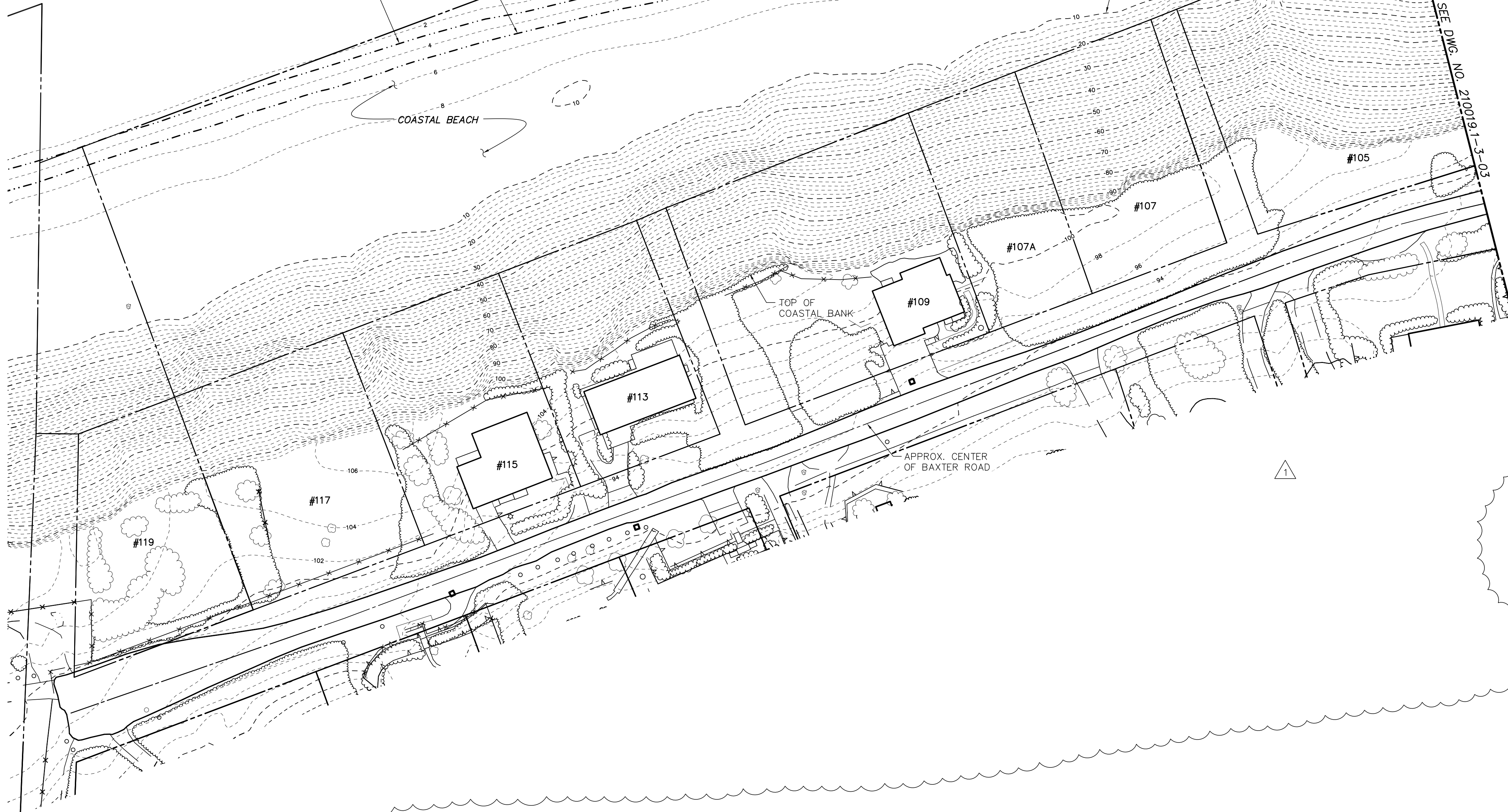
APPROX. H.T.L.
EL. +5.11'

APPROX. M.L.W.
EL. 0.0'

BOTTOM OF COASTAL
BANK EL. +10.0'

COASTAL BEACH

FOR CONTINUATION SEE DWG. NO. 210019-3-03



GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. CONTOURS SHOWN IN 2 FOOT INTERVALS.
3. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN TAKEN FROM A LIDAR SURVEY PROVIDED BY COL-EAST AND BLACKWELL & ASSOCIATES, INC. PERFORMED ON JULY 15, 2013 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1"=40'-0" 0 40 80 FT.

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REVISIONS	DESCRIPTION		DATE	BY	DESCRIPTION		DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO				

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

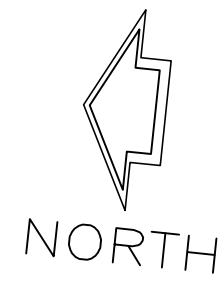
DESIGNED BY: ADKA
DRAWN BY: CAMA
CHECKED BY: AZSL
QC REVIEW: BRJO

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

EXISTING SITE PLAN - SHEET 1 OF 4

SCALE AS NOTED DATE 6/28/13	REVISION 1
DRAWING NO. 210019-1-3-02	

P:\2010\OCC_210019\3_Project_Files\CAO\Task_3\02.dwg Dwg 03 Carrie L. Walter Tue, 27 Aug 2013 - 8:18am



ATLANTIC OCEAN

LAND UNDER
THE OCEAN

APPROX. H.T.L.
EL.+5.11'

APPROX. M.H.W.
EL.+3.04'

APPROX. M.L.W.
EL. 0.0'

COASTAL BEACH

BOTTOM OF COASTAL
BANK EL.+10.0'

TOP OF
COASTAL BANK

APPROX.
CENTER OF
BAXTER ROAD

WETLANDS

FOR CONTINUATION, SEE DWG. NO. 210019.1-3-04

FOR CONTINUATION, SEE DWG. NO. 210019.1-3-02

GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
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- TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN TAKEN FROM A LIDAR SURVEY PROVIDED BY COL-EAST AND BLACKWELL & ASSOCIATES, INC. PERFORMED ON JULY 15, 2013 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING
1"=40'-0" 0 40 80 FT.

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
BRJO

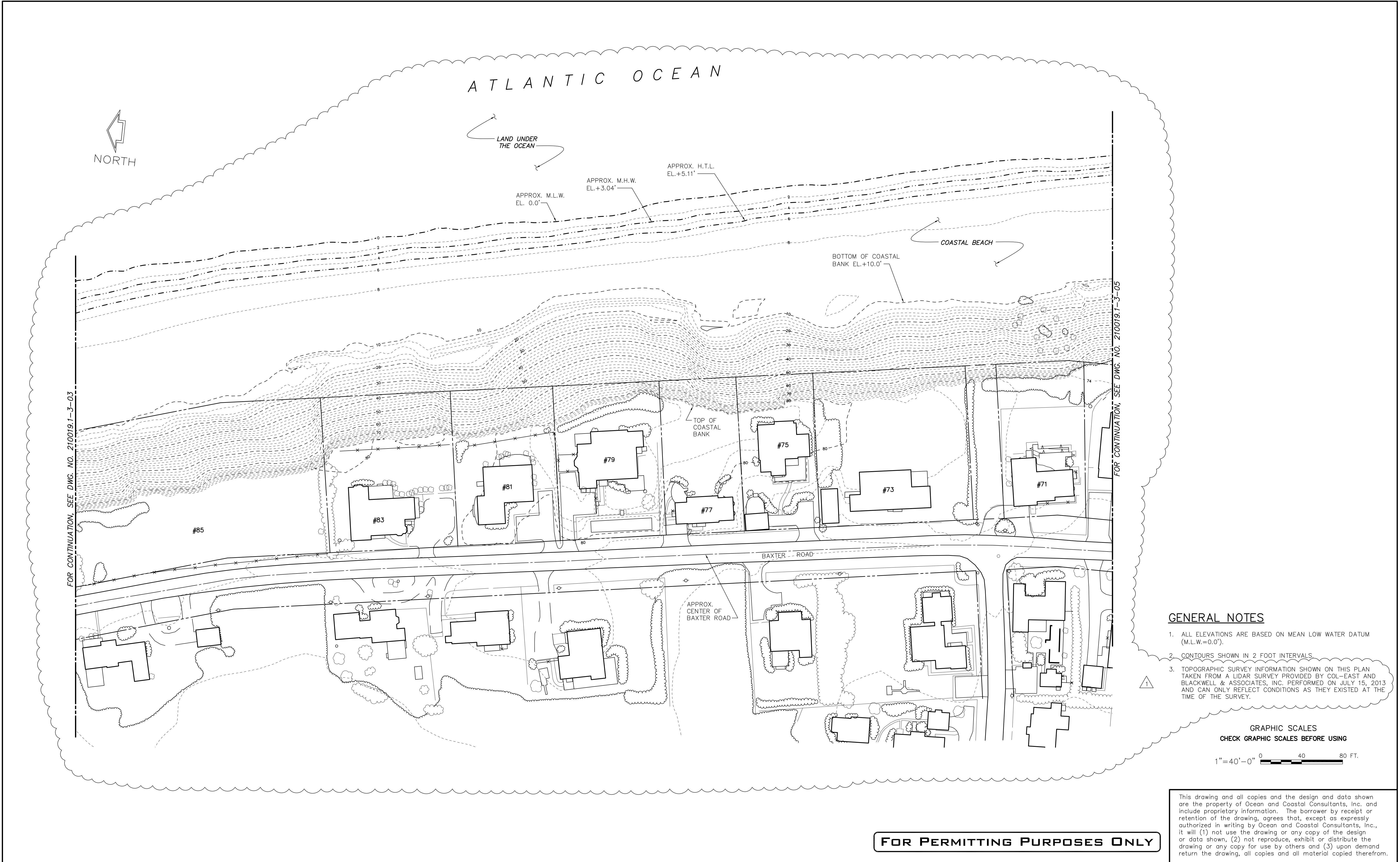
SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

EXISTING SITE PLAN – SHEET 2 OF 4

SCALE
AS NOTED
DATE
6/28/13
REVISION
2
DRAWING NO.
210019.1-3-03

REVISIONS	DESCRIPTION		DATE	BY	DESCRIPTION		DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO				
	2	ADDED PROPERTY LINE	8/27/13	AZSL				

P:\2010\OCC_210019.1\3_Project_Files\CAO\Task_3\02.dwg Dwg 04 Carrie L. Walter Tue, 27 Aug 2013 - 8:18am



GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. CONTOURS SHOWN IN 2 FOOT INTERVALS.
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GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1"=40'-0" 0 40 80 FT.

FOR PERMITTING PURPOSES ONLY

REVISIONS	DESCRIPTION		DATE	BY	DESCRIPTION		DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO				

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

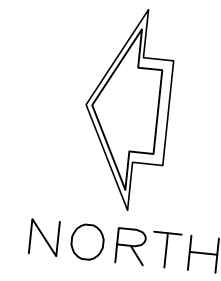
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
BRJO

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

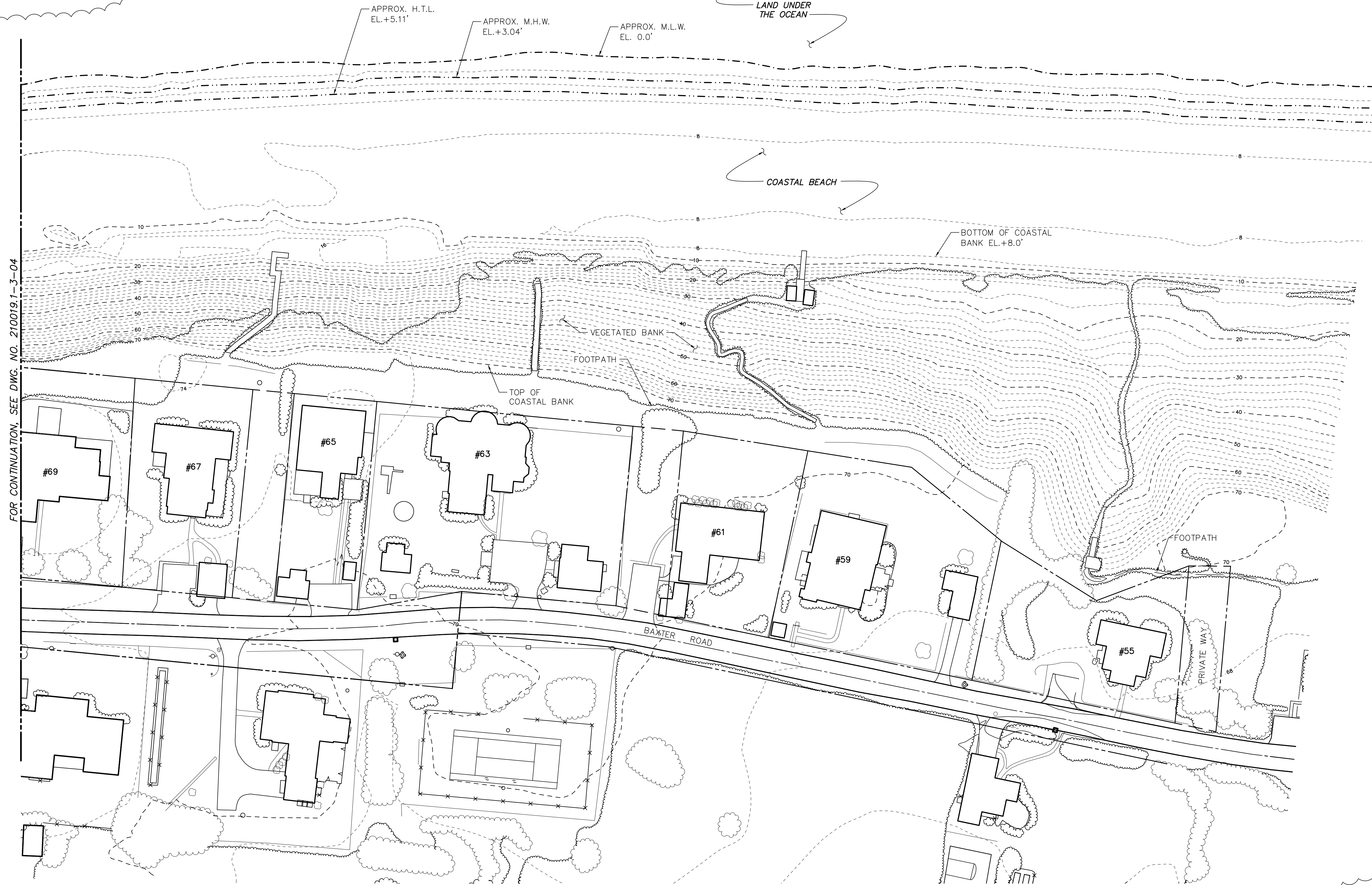
EXISTING SITE PLAN - SHEET 3 OF 4

SCALE AS NOTED DATE 6/28/13	REVISION 1
DRAWING NO. 210019.1-3-04	

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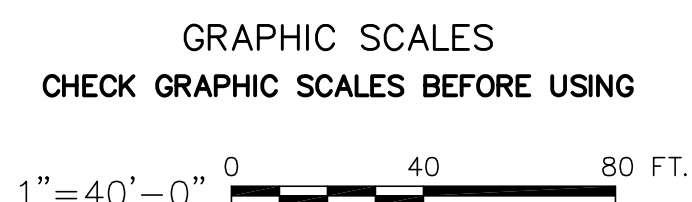


ATLANTIC OCEAN



GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
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REVISIONS	DESCRIPTION		DATE	BY	DESCRIPTION		DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO				

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
BRJO

**SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT**

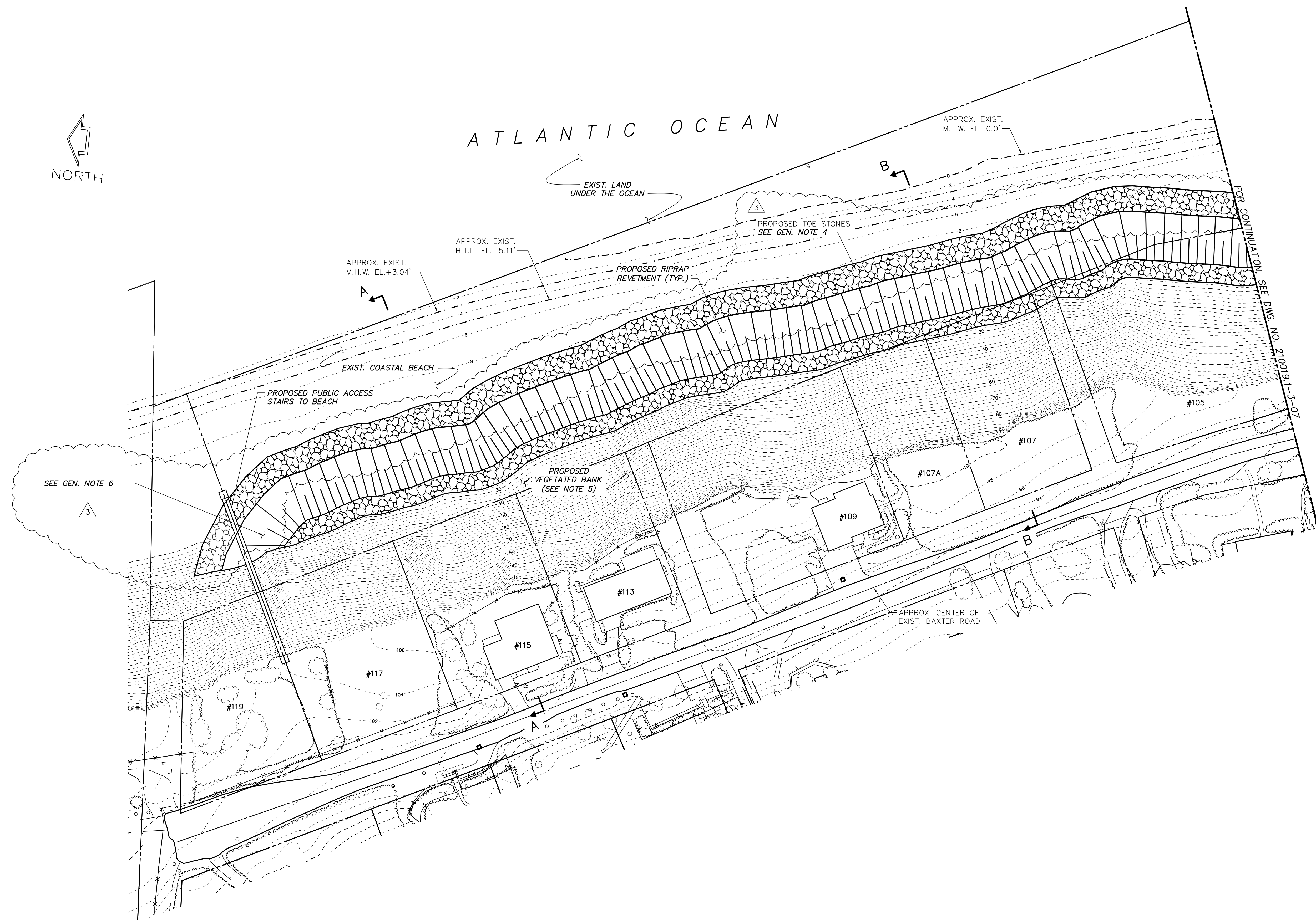
SCALE
AS NOTED
DATE
6/28/13

REVISION
1

DRAWING NO.

EXISTING SITE PLAN - SHEET 4 OF 4

210019.1-3-05



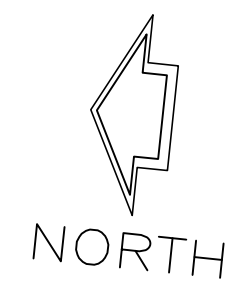
1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. CONTOURS SHOWN IN 2 FOOT INTERVALS.
3. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN TAKEN FROM A LIDAR SURVEY PROVIDED BY COL-EAST AND BLACKWELL & ASSOCIATES, INC. PERFORMED ON JULY 15, 2013 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.
4. SACRIFICIAL SAND COVER OVER THE REVETMENT NOT SHOWN FOR CLARITY. SEE PROPOSED SECTION A-A ON DWG. NO. 210019.1-3-10 AND PROPOSED SECTION B-B ON DWG. NO. 210019.1-3-11.
5. LIMITS OF THE PROPOSED RE-VEGETATION NOT SHOWN FOR CLARITY. REFER TO SECTION DRAWINGS ON DWG. NOS. 210019.1-3-10 THRU 16 FOR THE EXTENTS OF PROPOSED RE-VEGETATION.
6. PROPOSED STONES AT REVETMENT TERMINUS TO BE TAPERED BACK INTO EXISTING BANK. PLACEMENT AT ENDS TO BE FIELD COORDINATED WITH ENGINEER.

1"=40'-0" 

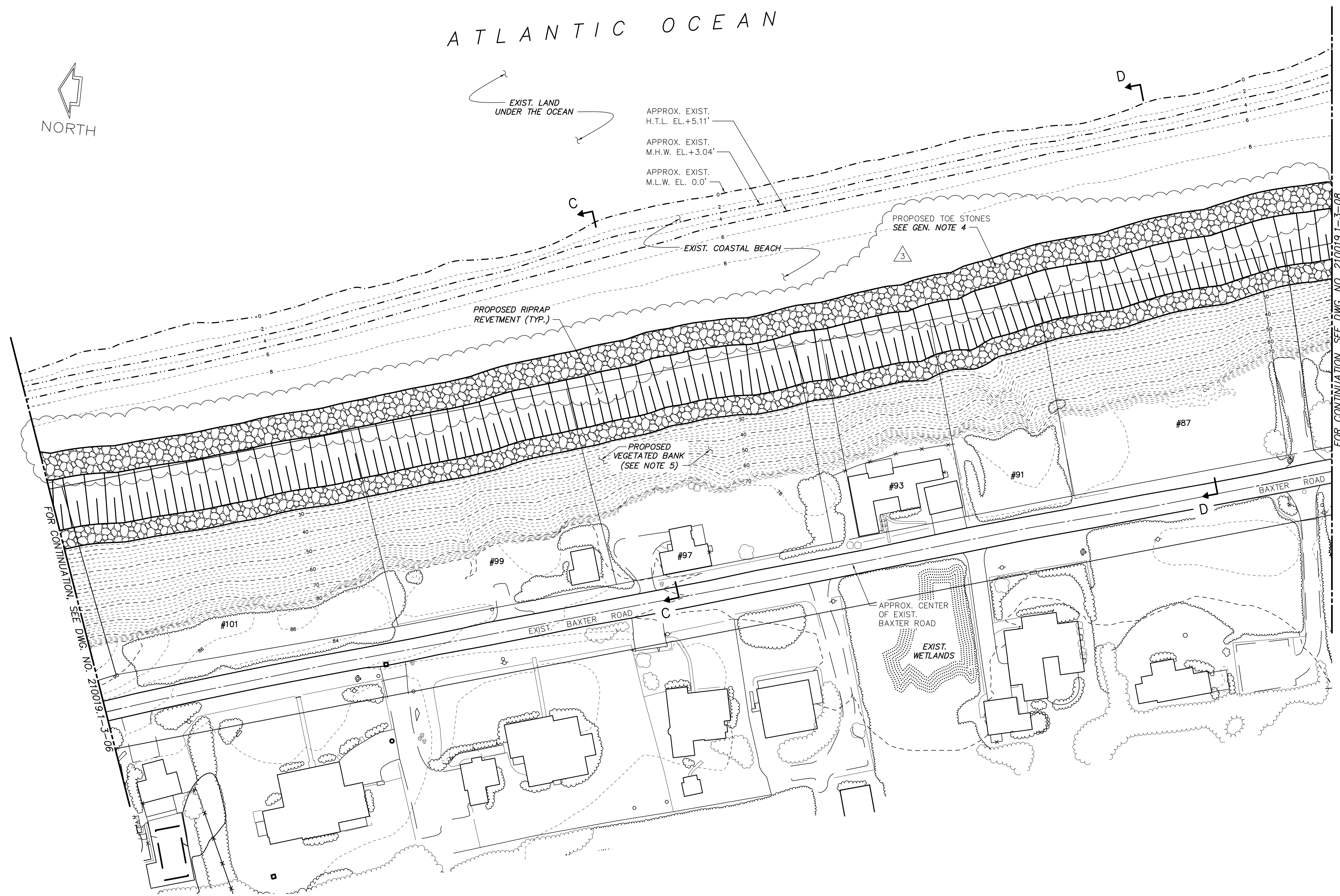
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P: \2010\OCC_210019.1\3_Project_Files\CAD\Task 06 Carrie L. Walter Wed, 28 Aug 2013 - 10:25am

P:\2010\OCC_210019.1\3_Project_Files\CAO\Task_3\06.dwg Dwg 07 Carrie L. Walter Wed, 28 Aug 2013 - 10:25am

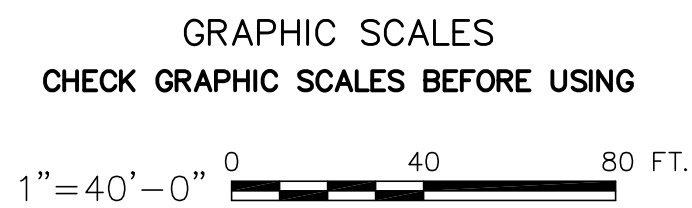


ATLANTIC OCEAN



GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. CONTOURS SHOWN IN 2 FOOT INTERVALS.
3. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN TAKEN FROM A LIDAR SURVEY PROVIDED BY COL-EAST AND BLACKWELL & ASSOCIATES, INC. PERFORMED ON JULY 15, 2013 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.
4. SACRIFICIAL SAND COVER OVER THE REVETMENT NOT SHOWN FOR CLARITY. SEE PROPOSED SECTION C-C ON DWG. NO. 210019.1-3-12 AND PROPOSED SECTION D-D ON DWG. NO. 210019.1-3-13.
5. LIMITS OF THE PROPOSED RE-VEGETATION NOT SHOWN FOR CLARITY. REFER TO SECTION DRAWINGS ON DWG. NOS. 210019.1-3-10 THRU 16 FOR THE EXTENTS OF PROPOSED RE-VEGETATION.



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REVISIONS	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO		
	2	REVISED SLOPE PROTECTION DESIGN	8/23/13	BRJO		
	3	ADDED CALLOUT	8/27/13	AZSL		

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

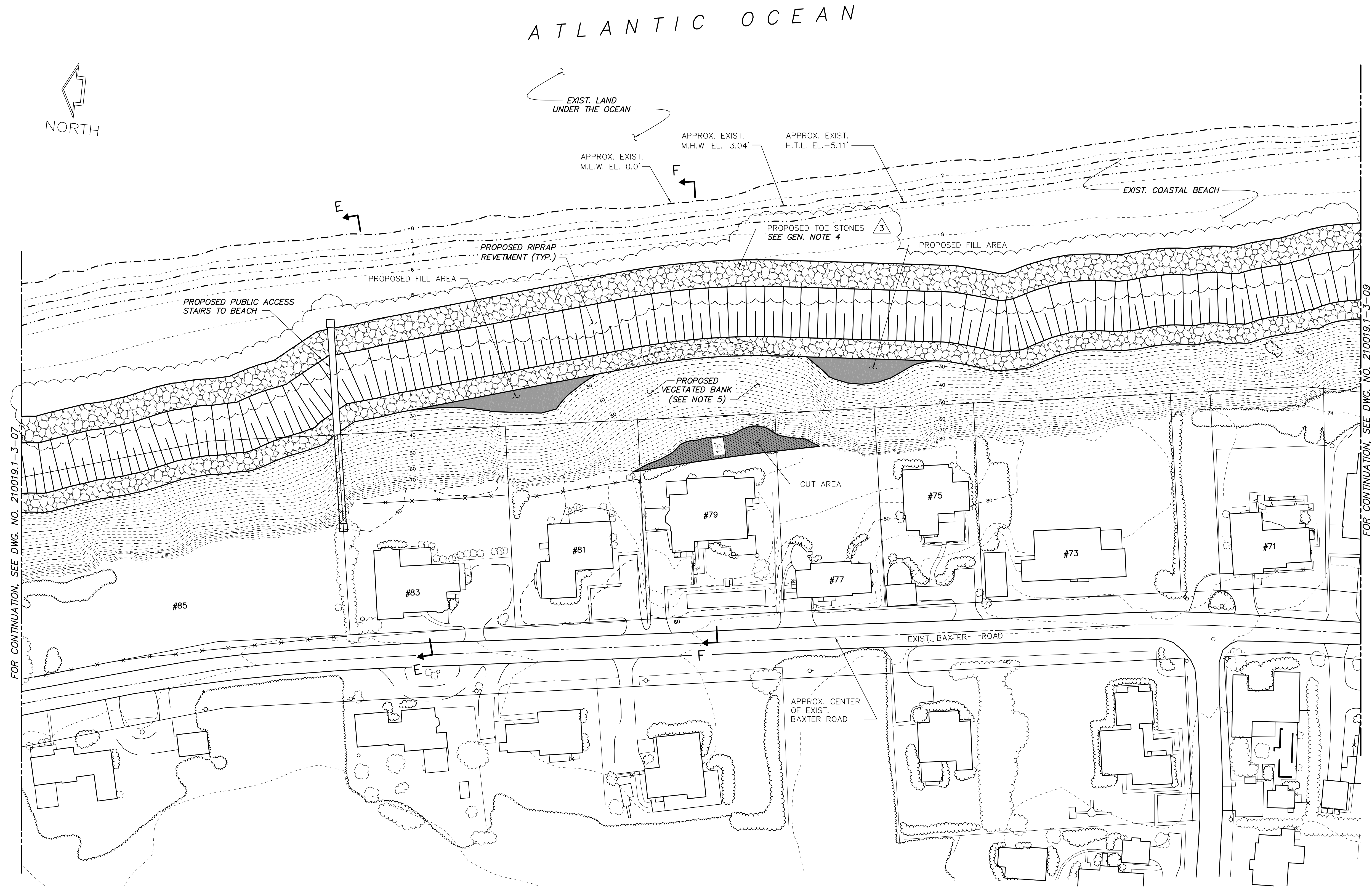
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SITE PLAN – SHEET 2 OF 4

SCALE AS NOTED DATE 6/28/13	REVISION 3
DRAWING NO. 210019.1-3-07	

P:\2010\OCC_210019.1\3_Project_Files\CAU\Task_3\06.dwg Dwg 06 Carrie L. Walter Wed, 28 Aug 2013 - 10:26am



GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
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- SACRIFICIAL SAND COVER OVER THE REVETMENT NOT SHOWN FOR CLARITY. SEE PROPOSED SECTION E-E ON DWG. NO. 210019.1-3-14 AND PROPOSED SECTION F-F ON DWG. NO. 210019.1-3-15.
- LIMITS OF THE PROPOSED RE-VEGETATION NOT SHOWN FOR CLARITY. REFER TO SECTION DRAWINGS ON DWG. NOS. 210019.1-3-10 THRU 16 FOR THE EXTENTS OF PROPOSED RE-VEGETATION.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1"=40'-0" 0 40 80 FT.

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FOR PERMITTING PURPOSES ONLY

REVISIONS	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
	1	REVISED TOPOGRAPHIC SURVEY INFORMATION	8/14/13	BRJO		
	2	REVISED SLOPE PROTECTION DESIGN	8/23/13	BRJO		
	3	ADDED CALLOUT	8/27/13	AZSL		

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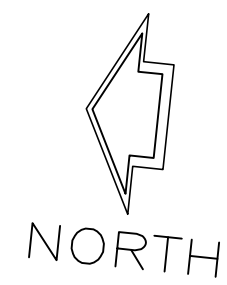
**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

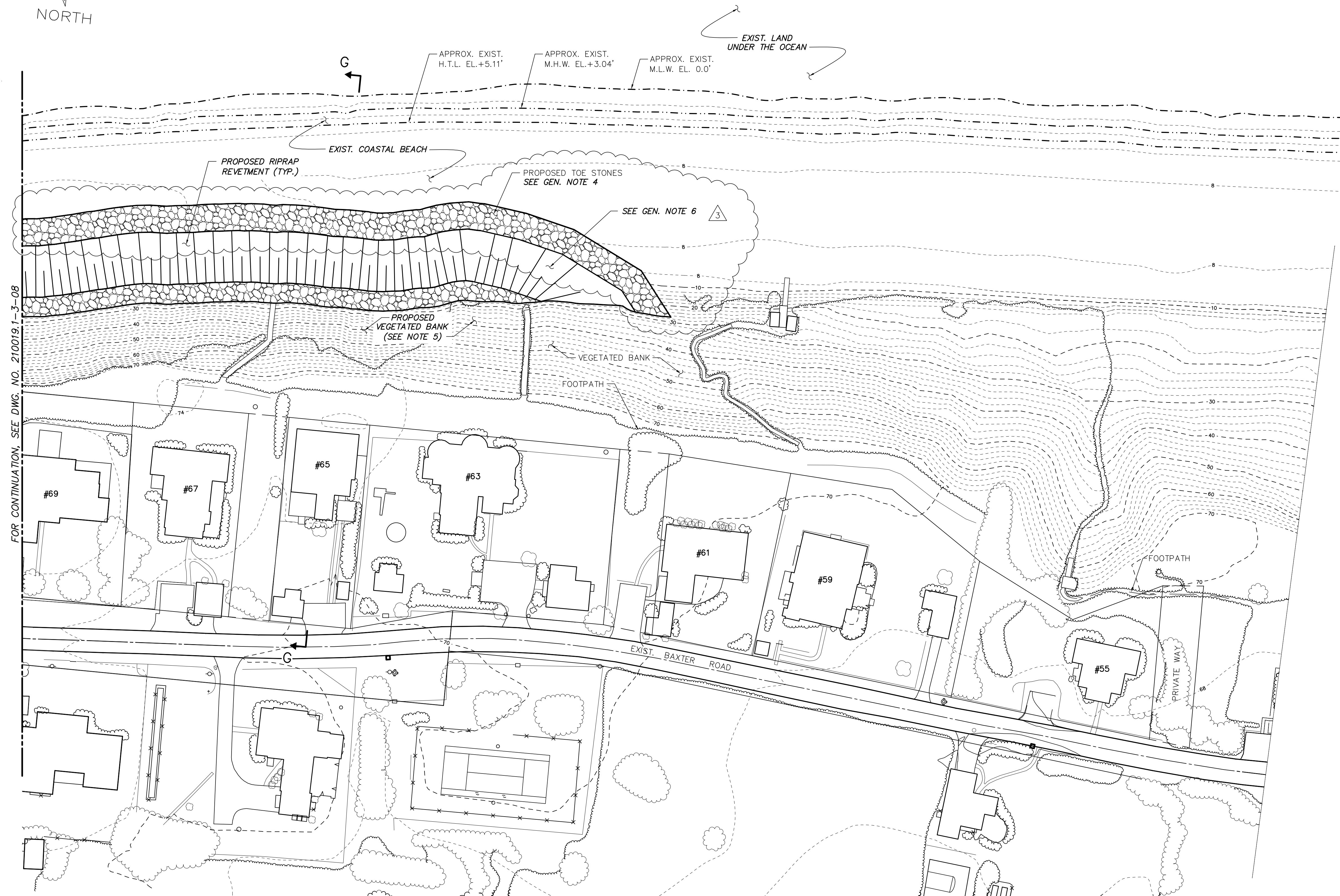
SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SITE PLAN - SHEET 3 OF 4

SCALE AS NOTED	REVISION
DATE 6/28/13	3
DRAWING NO. 210019.1-3-08	



ATLANTIC OCEAN



GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
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- EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN TAKEN FROM A LIDAR SURVEY PROVIDED BY COL-EAST AND BLACKWELL & ASSOCIATES, INC. PERFORMED ON JULY 15, 2013 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.
- SACRIFICIAL SAND COVER OVER THE REVEMENT NOT SHOWN FOR CLARITY. SEE PROPOSED SECTION G-G ON DWG. NO. 210019.1-3-16.
- LIMITS OF THE PROPOSED RE-VEGETATION NOT SHOWN FOR CLARITY. REFER TO SECTION DRAWINGS ON DWG. NOS. 210019.1-3-10 THRU 16 FOR THE EXTENTS OF PROPOSED RE-VEGETATION.
- PROPOSED STONES AT REVEMENT TERMINUS TO BE TAPERED BACK INTO EXISTING BANK. PLACEMENT AT ENDS TO BE FIELD COORDINATED WITH ENGINEER.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1"=40'-0" 0 40 80 FT.

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

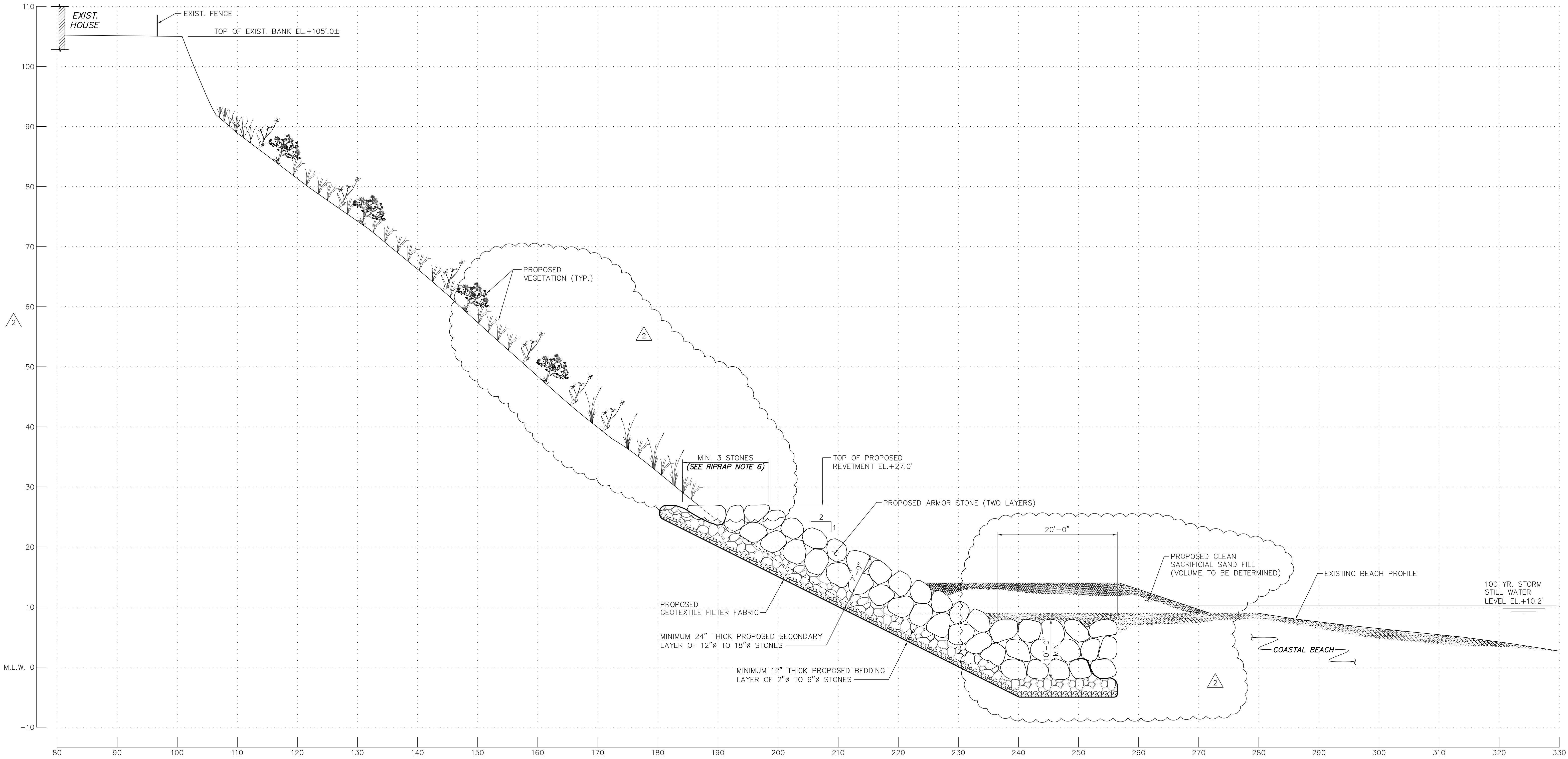
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SITE PLAN - SHEET 4 OF 4

SCALE AS NOTED DATE 6/28/13	REVISION 3
DRAWING NO. 210019.1-3-09	

P:\2010\OCC_210019.1\3_Project_Files\CA01\Task 3\10.dwg Wed, 28 Aug 2013 10:30am Carrie L. Walker



DISTANCE FROM
CL BAXTER ROAD

GEOTEXTILE FABRIC

- GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
- INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
- PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
- PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

- STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
- FILTER LAYER BEDDING STONE SHALL BE 12 TO 18 INCH DIAMETER NOMINAL CRUSHED STONE.
- RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

2

W_{MIN} = 4,500 LBS
W₅₀ = 7,500 LBS
W_{MAX} = 15,400 LBS

D_{MIN} = 3.0 FT
D₅₀ = 3.5 FT
D_{MAX} = 4.5 FT
- ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
- STONES SHALL BE PLACED IN A MANNER TO PRODUCE A WELL GRADED MASS WITHOUT CAUSING DISPLACEMENT OF THE UNDERLYING MATERIAL. THE FINISHED SURFACE SHALL BE FREE FROM POCKETS OF SMALL STONES AND CLUSTERS OF LARGE STONES.
- THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

- BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
- BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
- AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
- THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
- THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
- FOR LOCATION OF SECTION A-A, SEE DWG. NO. 210019.1-3-06.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1/8"=1'-0" 0 5 10 15 FT.

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

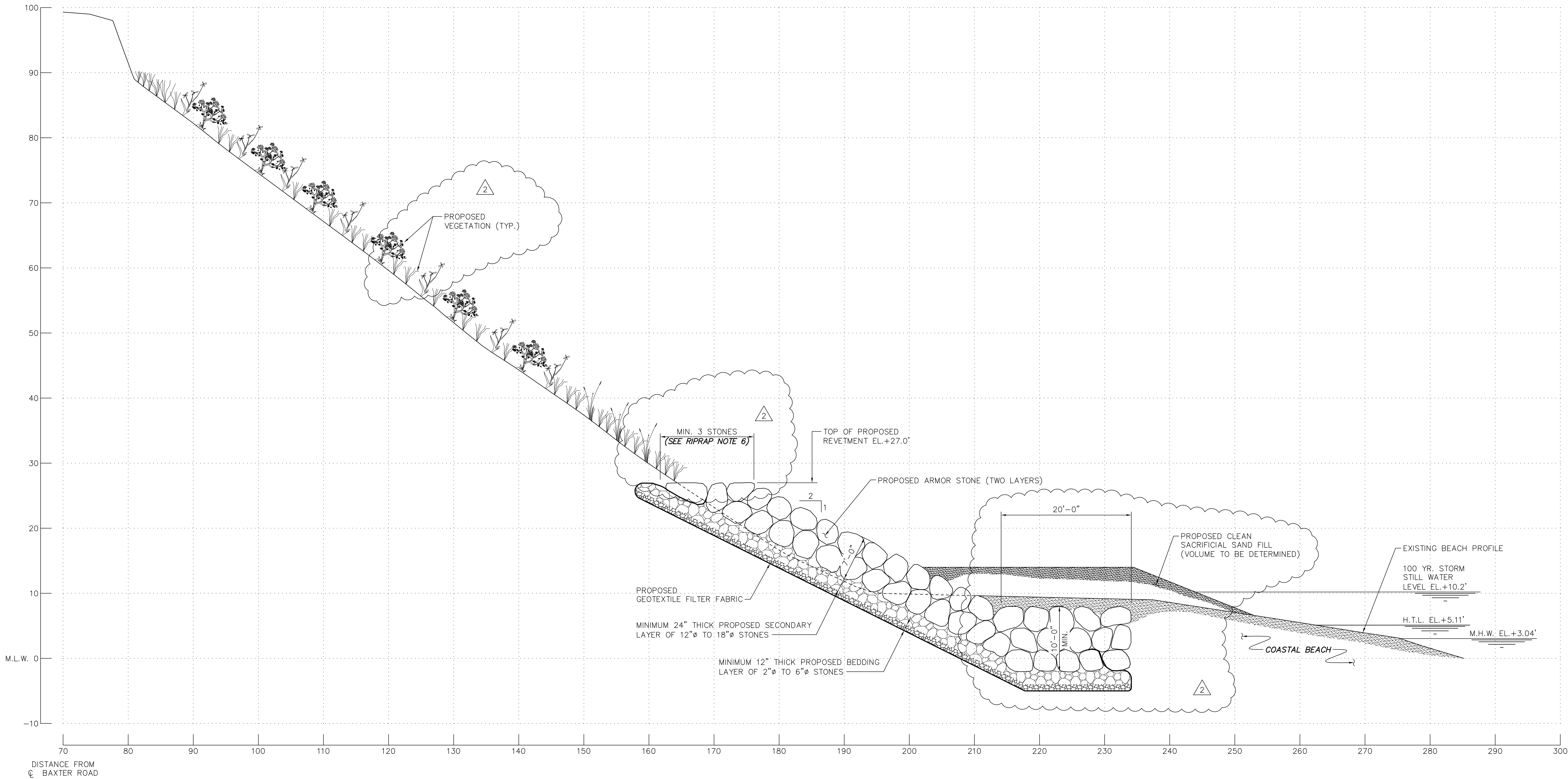
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SECTION A-A AT LOT 115

SCALE
1/8"=1'-0"
DATE
8/11/13
REVISION
2
DRAWING NO.
210019.1-3-10

P:\2010\OCC_210019.1\3_Project_Files\CA01\Task_3\10.dwg Dwg 11 Carrie L. Walter Wed, 28 Aug 2013 - 10:37am



GEOTEXTILE FABRIC

- GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
- INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
- PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
- PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

- STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
- FILTER LAYER BEDDING STONE SHALL BE 12 TO 18 INCH DIAMETER NOMINAL CRUSHED STONE.
- RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

2

W_{MIN} = 4,500 LBS

W₅₀ = 7,500 LBS

W_{MAX} = 15,400 LBS

D_{MIN} = 3.0 FT

D₅₀ = 3.5 FT

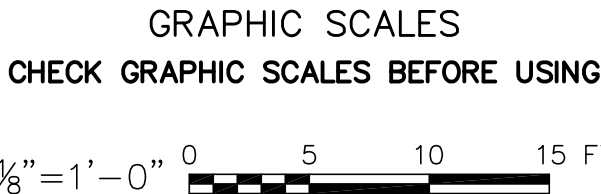
D_{MAX} = 4.5 FT
- ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
- STONES SHALL BE PLACED IN A MANNER TO PRODUCE A WELL GRADED MASS WITHOUT CAUSING DISPLACEMENT OF THE UNDERLYING MATERIAL. THE FINISHED SURFACE SHALL BE FREE FROM POCKETS OF SMALL STONES AND CLUSTERS OF LARGE STONES.
- THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

- BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
- BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
- AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
- THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
- THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
- FOR LOCATION OF SECTION B-B, SEE DWG. NO. 210019.1-3-06.



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**SCONSET BEACH
PRESERVATION FUND**

18 Sesapana Road, Nantucket, MA 02554

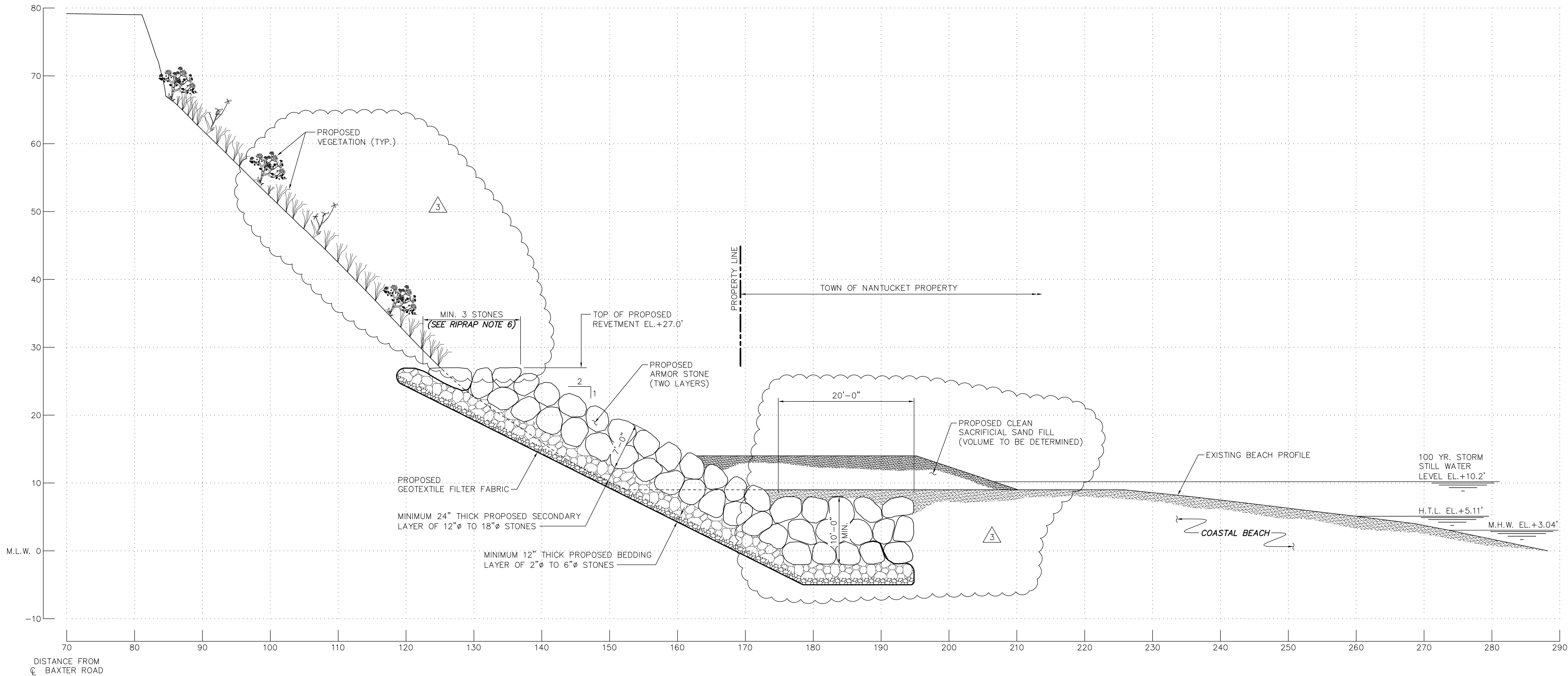
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SECTION B-B AT LOT 107

SCALE
1/8"=1'-0"
DATE
8/11/13
REVISION
2
DRAWING NO.
210019.1-3-11

P:\2010\OCC_210019.1\3_Project_Files\CA01\Task 3\10.dwg Dwg 12 Carrie L. Walker Wed, 28 Aug 2013 - 10:31am



GEOTEXTILE FABRIC

- GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
- INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
- PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
- PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

- STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
- FILTER LAYER BEDDING STONE SHALL BE 12 TO 18 INCH DIAMETER NOMINAL CRUSHED STONE.
- RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

3

W_{MIN} = 4,500 LBS

W₅₀ = 7,500 LBS

W_{MAX} = 15,400 LBS

D_{MIN} = 3.0 FT

D₅₀ = 3.5 FT

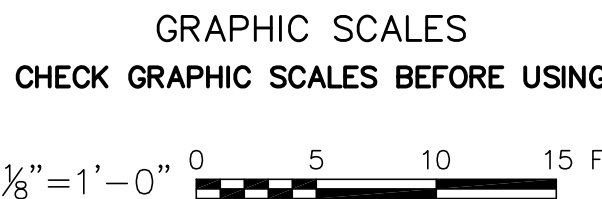
D_{MAX} = 4.5 FT
- ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
- STONES SHALL BE PLACED IN A MANNER TO PRODUCE A WELL GRADED MASS WITHOUT CAUSING DISPLACEMENT OF THE UNDERLYING MATERIAL. THE FINISHED SURFACE SHALL BE FREE FROM POCKETS OF SMALL STONES AND CLUSTERS OF LARGE STONES.
- THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

- BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
- BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
- AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
- THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
- THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
- FOR LOCATION OF SECTION C-C, SEE DWG. NO. 210019.1-3-07.



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**SCONSET BEACH
PRESERVATION FUND**

18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

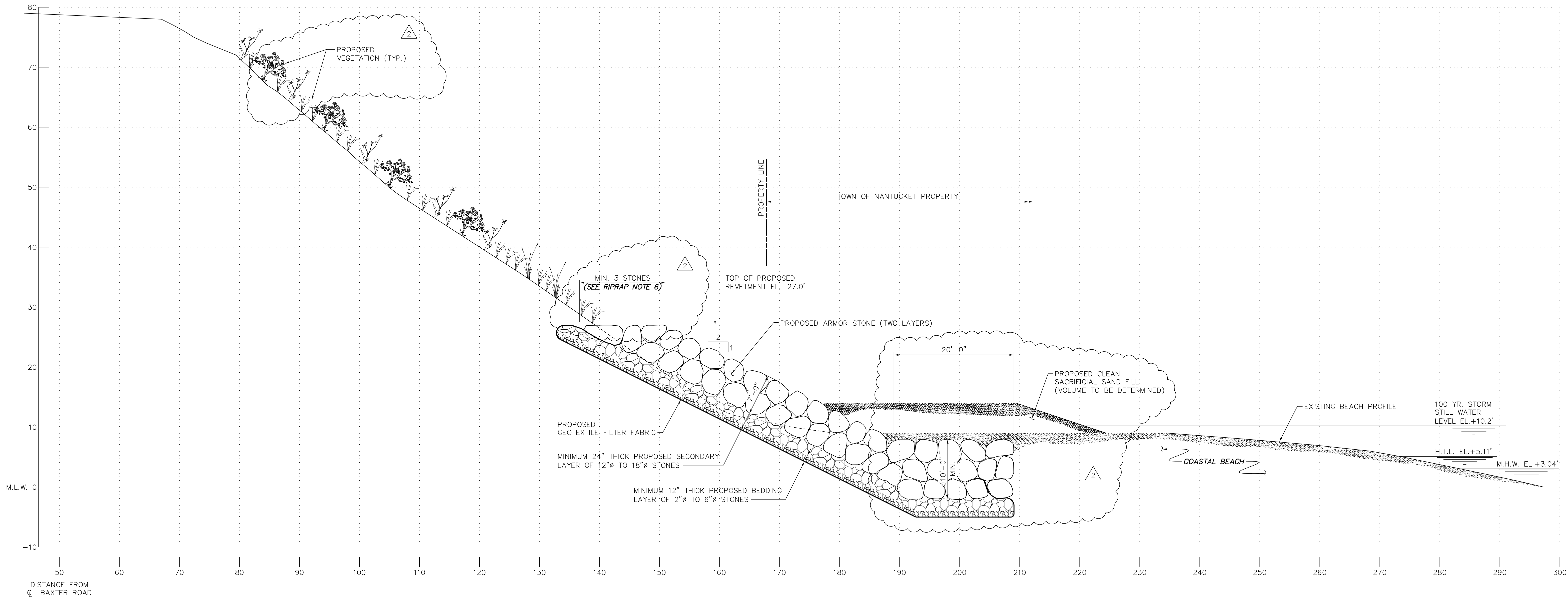
PROPOSED SECTION C-C AT LOT 97

SCALE
1/8"=1'-0"
DATE
6/28/13
REVISION
3
DRAWING NO.
210019.1-3-12

REVISIONS

	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
1	REVISED SECTION	8/14/13	BRJO			
2	REVISED SLOPE PROTECTION DESIGN	8/23/13	BRJO			
3	REVISED TOE DESIGN; ADDED RIPRAP NOTE 6	8/27/13	AZSL			

P:\2010\OCC_210019.1\3_Project_Files\CA01\Task_3\10.dwg Dwg 13 Carrie L. Walker Wed, 28 Aug 2013 - 10:31am



GEOTEXTILE FABRIC

- GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
- INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
- PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
- PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

- STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
- FILTER LAYER BEDDING STONE SHALL BE 12 TO 18 INCH DIAMETER NOMINAL CRUSHED STONE.
- RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

2

$W_{min} = 4,500 \text{ LBS}$
 $W_{50} = 7,500 \text{ LBS}$
 $W_{max} = 15,400 \text{ LBS}$

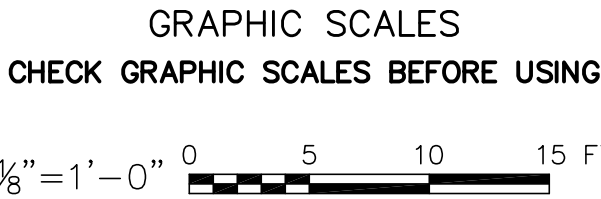
$D_{min} = 3.0 \text{ FT}$
 $D_{50} = 3.5 \text{ FT}$
 $D_{max} = 4.5 \text{ FT}$
- ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
- STONES SHALL BE PLACED IN A MANNER TO PRODUCE A WELL GRADED MASS WITHOUT CAUSING DISPLACEMENT OF THE UNDERLYING MATERIAL. THE FINISHED SURFACE SHALL BE FREE FROM POCKETS OF SMALL STONES AND CLUSTERS OF LARGE STONES.
- THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

- BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
- BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
- AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
- THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
- THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

- ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
- FOR LOCATION OF SECTION D-D, SEE DWG. NO. 210019.1-3-07.



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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

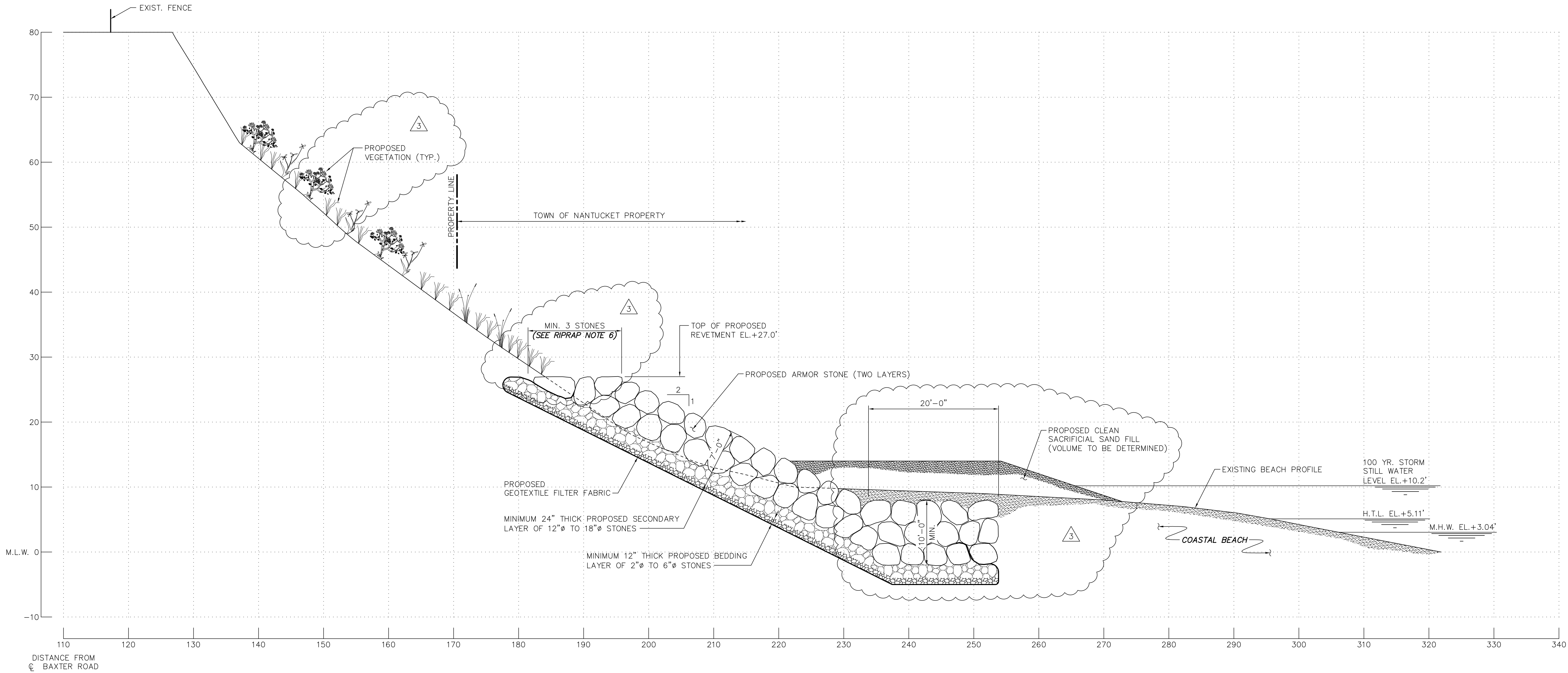
DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SECTION D-D AT LOT 87

SCALE
1/8"=1'-0"
DATE
8/11/13
REVISION
2
DRAWING NO.
210019.1-3-13

P:\2010\OCC_210019.1\3_Project_Files\CA01\Task 3\10.dwg Dwg 14 Carrie L. Walker Wed, 28 Aug 2013 - 10:31am



GEOTEXTILE FABRIC

1. GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
2. INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
3. PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
4. PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

1. STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
2. FILTER LAYER BEDDING STONE SHALL BE 12 TO 18 INCH DIAMETER NOMINAL CRUSHED STONE.
3. RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

$W_{MIN} = 4,500 \text{ LBS}$
 $W_{50} = 7,500 \text{ LBS}$
 $W_{MAX} = 15,400 \text{ LBS}$

$D_{MIN} = 3.0 \text{ FT}$
 $D_{50} = 3.5 \text{ FT}$
 $D_{MAX} = 4.5 \text{ FT}$
4. ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
5. STONES SHALL BE PLACED IN A MANNER TO PRODUCE A WELL GRADED MASS WITHOUT CAUSING DISPLACEMENT OF THE UNDERLYING MATERIAL. THE FINISHED SURFACE SHALL BE FREE FROM POCKETS OF SMALL STONES AND CLUSTERS OF LARGE STONES.
6. THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

1. BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
2. BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
3. AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
4. THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
5. THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. FOR LOCATION OF SECTION E-E, SEE DWG. NO. 210019.1-3-08.

GRAPHIC SCALES
CHECK GRAPHIC SCALES BEFORE USING

1/8" = 1'-0" 0 5 10 15 FT.

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**SCONSET BEACH
PRESERVATION FUND**
18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY:
ADKA
DRAWN BY:
CAMA
CHECKED BY:
AZSL
QC REVIEW:
JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

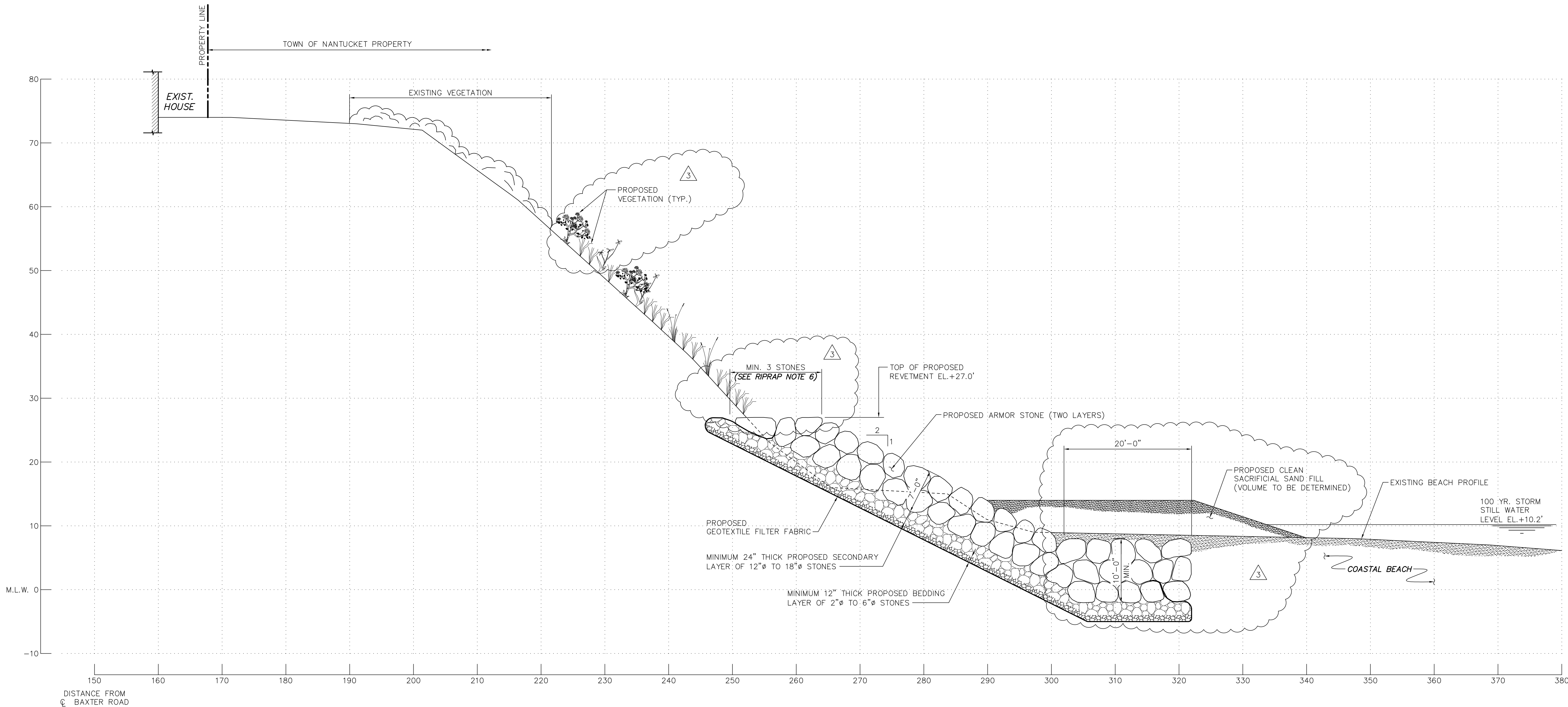
PROPOSED SECTION E-E AT LOT 83

SCALE
1/8"=1'-0"
DATE
6/28/13
REVISION
3
DRAWING NO.
210019.1-3-14

REVISIONS

	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
1	REVISED SECTION	8/14/13	BRJO			
2	REVISED SLOPE PROTECTION DESIGN	8/23/13	BRJO			
3	REVISED TOE DESIGN; ADDED RIPRAP NOTE 6	8/27/13	AZSL			

P:\2010\OCC_210019.1\3_Project_Files\CAD\Task 3\10.dwg Dwg 16 Carrie L. Walker Wed, 28 Aug 2013 - 10:33am



GEOTEXTILE FABRIC

1. GEOTEXTILE FABRIC SHALL BE MIRAFI FILTERWEAVE FW-700 GEOTEXTILE FABRIC OR AN EQUIVALENT ACCEPTED BY THE ENGINEER OF RECORD.
2. INSTALL GEOTEXTILE FABRIC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MAINTAIN MINIMUM 12 INCH LAP AT ADJACENT SECTIONS.
3. PROVIDE ADEQUATE SLACK IN FABRIC DURING INSTALLATION BY PROVIDING CONTINUOUS 12 INCH FOLDS AT 15 FOOT CENTERS PARALLEL TO THE SHORELINE.
4. PROPERLY ANCHOR FABRIC TO PREVENT SLIDING OR TEARING DURING INSTALLATION OF OVERBURDEN MATERIAL.

RIPRAP SHORE PROTECTION

1. STONE SHALL BE OF A QUALITY TO INSURE PERMANENCE OF THE STRUCTURE IN THE CLIMATE IN WHICH IT IS TO BE USED. THE STONE SHALL BE FREE FROM ORGANIC DEBRIS, DURABLE, SOUND, FREE FROM DETRIMENTAL CRACKS, SEAMS, AND OTHER DEFECTS WHICH TEND TO INCREASE DETERIORATION FROM NATURAL CAUSES OR CAUSE BREAKAGE IN HANDLING OR PLACEMENT. ORGANICS, SAND, CLAY, CHERT AND ROCK FINES ARE PROHIBITED. THE STONE SHALL BE SELECTED GRANITE, QUARTZITE, RHYOLITE, OR LIMESTONE.
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3. RIPRAP ARMOR STONE SHALL CONFORM TO THE FOLLOWING GRADATION:

3

$W_{MIN} = 4,500 \text{ LBS}$
 $W_{50} = 7,500 \text{ LBS}$
 $W_{MAX} = 15,400 \text{ LBS}$

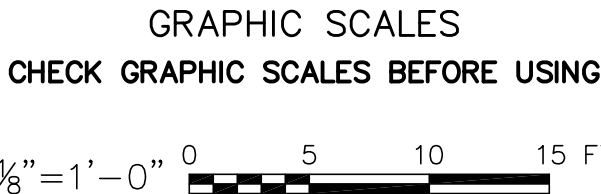
$D_{MIN} = 3.0 \text{ FT}$
 $D_{50} = 3.5 \text{ FT}$
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4. ARMOR STONE SHALL HAVE A MINIMUM SIZE OF 36 INCHES MEASURING THE LEAST DIMENSION ACROSS ITS MIDSECTION.
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6. THE CREST OF THE REVETMENT WILL SERVE AS A WALKABLE PASSAGE FOR EQUIPMENT AND PERSONNEL. VOIDS WILL BE FILLED WITH SMALL STONE.

SLOPE TREATMENT

1. BARE AREAS ON THE UPPER BANK SLOPE WILL BE STABILIZED WITH JUTE FABRIC PINNED TO THE BANK SURFACE.
2. BEACH GRASS VEGETATION WILL BE PLANTED THROUGH HOLES IN THE JUTE FABRIC.
3. AFTER THE BEACH GRASS VEGETATION ACHIEVES A STABLE SLOPE, INDIGENOUS COASTAL WOODY VEGETATION WILL BE PLANTED ON THE SLOPE.
4. THE STEEPER SLOPE AT THE TOP OF THE COASTAL BANK (I.E. THE TOP 10-15 FEET) WILL BE KEPT FREE OF PLANTINGS TO PROVIDE NESTING HABITAT FOR BANK SWALLOWS.
5. THE SLOPE IMMEDIATELY ABOVE THE TOP OF THE PROPOSED REVETMENT WILL BE KEPT FREE OF VEGETATION (~5 FT) TO ALLOW SPACE/PASSAGE FOR CONSTRUCTION EQUIPMENT.

GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. FOR LOCATION OF SECTION G-G, SEE DWG. NO. 210019.1-3-09.



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FOR PERMITTING PURPOSES ONLY

REVISIONS	DESCRIPTION		DATE	BY	DESCRIPTION		DATE	BY
	1	REVISED SECTION	8/14/13	BRJO				
	2	REVISED SLOPE PROTECTION DESIGN	8/23/13	BRJO				
	3	REVISED TOE DESIGN; ADDED RIPRAP NOTE 6	8/27/13	AZSL				

Ocean and Coastal Consultants  **COWI**

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**SCONSET BEACH
PRESERVATION FUND**

18 Sesapana Road, Nantucket, MA 02554

DESIGNED BY: ADKA
DRAWN BY: CAMA
CHECKED BY: AZSL
QC REVIEW: JOMA

SCONSET BLUFF EROSION CONTROL PROJECT
NOTICE OF INTENT

PROPOSED SECTION G-G AT LOT 65

SCALE 1/8"=1'-0"	REVISION 3
DATE 6/28/13	
DRAWING NO. 210019.1-3-16	